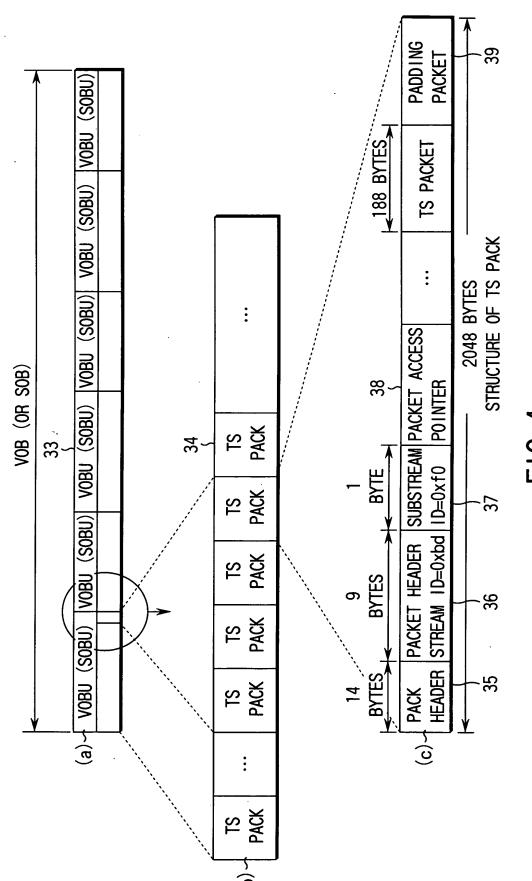


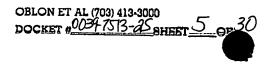
FIG. 2

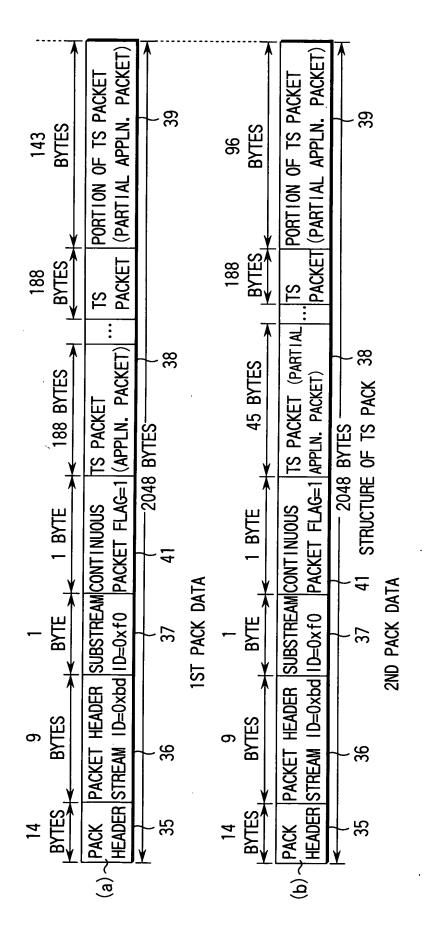
noter notenon

FIG. 3



F16.4





IF CONTINUOUS PACKET FLAG=1, TS PACKET EXTENDS ACROSS NEXT PACK (FROM 39 OF (a) TO 38 OF (b))

F16.5

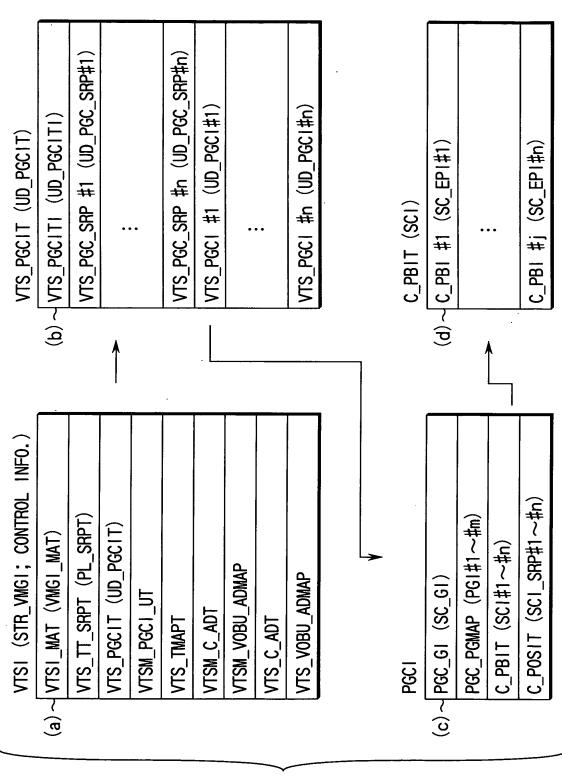


FIG. 6

| PGC_GI (Se | CG | I) |
|------------|----|----|
|------------|----|----|

|     |                  | CONTENTS                                       |
|-----|------------------|--|
| (a) | PGC_CNT          | NUMBER OF PROGRAMS, NUMBER OF CELLS            |
| 1   | PGC_TRS_TM       | RECORDING TIME PER PGC                         |
| *   | SUPPORT INFO     | SUPPORT INFORMATION (DETAILS ARE LISTED BELOW) |
|     | PGC_PGMAP_SA     | START ADDRESS OF PROGRAM MAP                   |
|     | C_PBIT_SA        | START ADDRESS OF C_PBIT                        |
|     | C_POSIT_SA       | START ADDRESS OF C_POSIT                       |
|     | ARCHIVE FLAG     | ERASE INHIBITION FLAG                          |
|     | (C_TY1 & TE)     | 0: FREE, 1: SAVE PERMANENTLY                   |
|     | SC_EPI_Ns        | NUMBER OF ENTRY POINT INFORMATION              |
|     | SOB_N            | STREAM OBJECT NUMBER                           |
|     | SC_S_APAT        | STREAM CELL START APAT                         |
|     | SC_E_APAT        | STREAM CELL END APAT                           |
|     | if (TE=='10b') { |  |
|     | ERA_S_APAT       | ERASE START APAT                               |
|     | ERA_E_APAT       | ERASE END APAT                                 |
|     |                  |  |

|     | b/                         | <u>b5</u> | b4      | <u>b3</u> | <u>b2</u>      | <u>b1</u>  | b0                   |
|-----|----------------------------|-----------|---------|-----------|----------------|------------|----------------------|
| (b) | IDENTIFICATION CODE OF STB |           |         | PCR       | ł              | UNIT START | RANDOM<br>ACCESS     |
|     | THAT RECORDE<br>DATA       | D         | SUPP0RT | SUPPORT   | PMT<br>SUPPORT |            | INDICATOR<br>SUPPORT |

RANDOM ACCESS INDICATOR SUPPORT FLAG Ob ... NOT SUPPORTED, 1b···SUPPORTED UNIT START INDICATOR SUPPORT FLAG 0b···NOT SUPPORTED, 1b···SUPPORTED PAT. PMT SUPPORT FLAG Ob...NOT SUPPORTED. 1b···SUPPORTED PCR SUPPORT FLAG Ob...NOT SUPPORTED. 1b···SUPPORTED SCD SUPPORT FLAG Ob...NOT SUPPORTED. 16···SUPPORTED PCR=PRESENTATION CLOCK REFERENCE

SCD=SPLICE COUNTDOWN

STB IDENTIFICATION CODE
001:STB OF BS DIGITAL BROADCAST
010:Ver2 STB OF DirecTV
011:Ver1 STB OF SKY PERFECT TV
C\_TY1...'010b' SHALL BE DESCRIBED
FOR ALL STREAM CELLS
TE...'00b':THIS CELL IS IN THE
"NORMAL" STATE

'O1b':THIS CELL IS IN "TEMPORARILY ERASED" STATE; AND THIS CELL STARTS AFTER THE FIRST APPLICATION PACKET OF A SOBU AND ENDS BEFORE THE LAST APPLICATION PACKET OF THE SAME SOBU

'10b':THIS CELL IS IN "TEMPORARILY ERASED" STATE; AND THIS CELL CONTAINS AT LEAST ONE SOBU BORDER (FIRST OR LAST APPLICATION PACKET OF A SOBU). ERA\_S\_APAT AND ERA\_E\_APAT EXIT FOR THIS CELL

C\_PBI (SCI)

DOCKET #<u>1039 13 3000</u> SHEET

| RBP         |                                     | CONTENTS  | NUMBER<br>OF RYTES |
|-------------|-------------------------------------|---|--------------------|
| 0 TO 0      | C_CAT (C_TY)                        | CELL TYPE 02: STREAMER CELL                                   |                    |
| 1 T0 4      | C_ARLTM                             | STC VALUE OR PCR UPON RECORDING HEAD OF CELL OF INTEREST      |                    |
| 5 T0 8      | C_FV0BU_SA                          | START ADDRESS OF CELL   |                    |
| 9 T0 12     | C_LV0BU_SA                          | START ADDRESS OF LAST VOBU OF CELL                            |                    |
| 13 T0 16    | C_LV0BU_EA                          | END ADDRESS OF LAST VOBU OF CELL                              |                    |
| 17 T0 18    | TS PACKET LENGTH                    | TS PACKET LENGTH: NORMAL: 0xbc                                |                    |
| 19 TO 22    | REFPIC_Ns (AU_Ns)                   | NUMBER OF 1-PICTURES  |                    |
| 23 TO 26    | REFPIC_SA_#1 (AUSM)                 | REFPIC_SA_#1 (AUSM) START ADDRESS OF I-PICTURE #1             |                    |
| 27 TO 30    | REFPIC_EA_#1 (AUEM) END             | END ADDRESS OF 1-PICTURE #1                                   |                    |
|             | •••                                 |   |                    |
| 23+(n-1) X8 | REFPIC_SA_#n (AUSM)                 | 23+(n-1) X8 REFPIC_SA_#n (AUSM) START ADDRESS OF I-PICTURE #n |                    |
| 27+(n-1)×8  | 27+(n-1) X8 REFPIC_EA_#n (AUEM) END | END ADDRESS OF I-PICTURE #n                                   |                    |
|             |                                     | T0TAL 30  | $30+(n-1)\times 8$ |

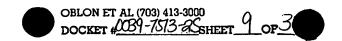
REFPIC\_NS: NUMBER OF I-PICTURES ("0" IF NO RANDOM ACCESS INDICATOR IS AVAILABLE) REFPIC\_SA#n: ADDRESS OF TS PACK INCLUDING FIRST TS PACKET OF I-PICTURE #n

(TS PACK WITH ACTIVE RANDOM ACCESS INDICATOR)

REFPIC\_EA#n: ADDRESS OF TS PACK INCLUDING LAST TS PACKET OF I-PICTURE #n (TS PACK WITH ACTIVE UNIT START INDICATOR)

("0" IF NO UNIT START INDICATOR IS AVAILABLE)

FIG. 8



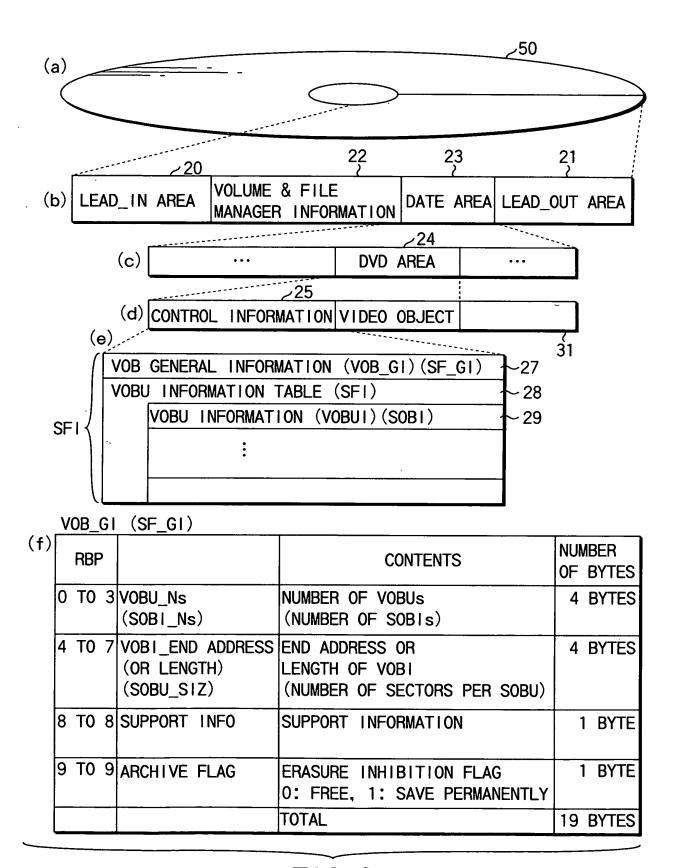


FIG.9

OBLON ET AL (703) 413-3000 DOCKET #0039-7513-8 SHEET 1030

| _ | _ | _      |
|---|---|--------|
|   | = | ב<br>כ |
| ` | _ | ے<br>- |
|   | Ÿ | כ<br>כ |
| 3 | > | -      |

| RBP                |                                      | CONTENTS   | NUMBER<br>OF BYTES |
|--------------------|--------------------------------------|--|--------------------|
| 0 TO 3             | VOBU START ADDRESS                   | VOBU START ADDRESS OF VOBU                               |                    |
| 4 T0 7             | VOBU END ADDRESS<br>(OR LENGTH)      | END ADDRESS OR LENGTH OF VOBU                            |                    |
| 8 TO 11            | V0BU_RECTM                           | STC VALUE OR PCR UPON RECORDING HEAD OF VOBU OF INTEREST |                    |
| 12 TO 13           | TS PACKET LENGTH                     | TS PACKET LENGTH: NORMAL: 0xbc                           |                    |
| 14 T0 17           | REFPIC_Ns (AU_Ns)                    | NUMBER OF 1-PICTURES                                     |                    |
| 18 T0 21           | REFPIC_SA_#1 (AUSM)                  | REFPIC_SA_#1 (AUSM) START ADDRESS OF I-PICTURE #1        |                    |
| 22 TO 25           | REFPIC_EA_#1 (AUEM) END              | END ADDRESS OF 1-PICTURE #1                              |                    |
|                    |                                      |  |                    |
| $6+(n-1) \times 8$ | 16+(n-1) X8 REFPIC_SA_#n (AUSM) STAF | START ADDRESS OF I-PICTURE #n                            | •                  |
| $0+(n-1) \times 8$ | 20+(n-1) X8 REFPIC_EA_#n (AUEM) END  | END ADDRESS OF I-PICTURE #n                              |                    |
|                    |                                      | TOTAL  | 25+(n-1) X8        |

REFPIC\_NS: NUMBER OF I-PICTURES ("0" IF NO RANDOM ACCESS INDICATOR IS AVAILABLE) REFPIC\_SA#n: ADDRESS OF TS PACK INCLUDING FIRST TS PACKET OF I-PICTURE #n

(TS PACK WITH ACTIVE RANDOM ACCESS INDICATOR)

REFPIC\_EA#n: ADDRESS OF TS PACK INCLUDING LAST TS PACKET OF I-PICTURE #n (TS PACK WITH ACTIVE UNIT START INDICATOR)

("0" IF NO UNIT START INDICATOR IS AVAILABLE)

FIG. 10

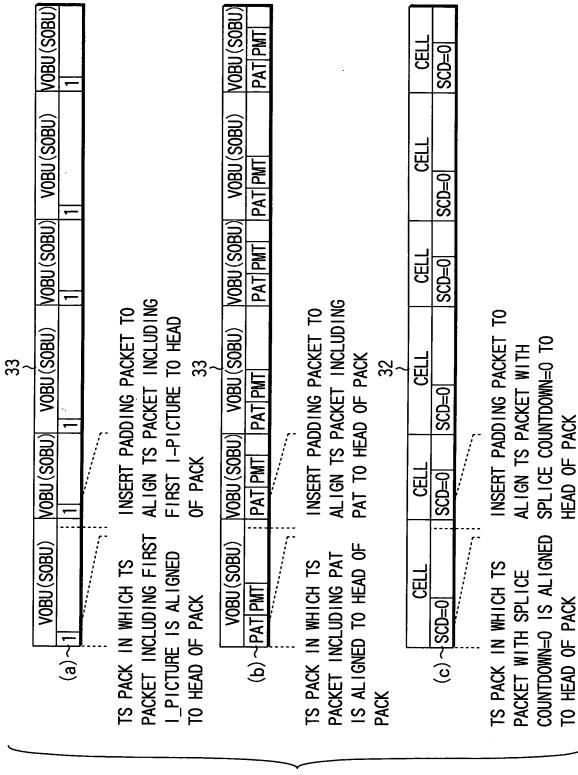


FIG. 11

|    | CELL | PAT PMT                |            |                          |                           |                     |      |     | PG       | PAT PMT              |              |
|----|------|------------------------|------------|--------------------------|---------------------------|---------------------|------|-----|----------|----------------------|--------------|
|    | CELL | PAT PMT                |            |                          |                           |                     |      |     | PG       | PAT PMT              |              |
|    | CELL | PAT PMT                |            | 0                        | 9                         |                     |      |     | 92<br>92 | PAT PMT              |              |
| 32 | CELL | PAT PMT                | <i>;</i> - | INSERT PADDING PACKET TO | ALIGN TS PACKET INCLUDING | PAT TO HEAD OF PACK |      | PGC | PG       | PAT PMT              | ŗ            |
|    | CELL | PAT PMT                |            |                          |                           |                     |      |     | PG       | PAT PMT              |              |
| j  | CELL | $(a) \sim PAT   PMT  $ |            | PACK IN WHICH TS         | PACKET INCLUDING PAT      | ALIGNED TO HEAD OF  | <br> |     | PG       | $(b) \sim PAT   PMT$ |              |
| _  |      |                        |            | TS                       | PAC                       | SI                  | PACK |     |          | _                    | \ <u>Z  </u> |

| PGC          | PGC     | Dec        | Se      | Dec     | PGC     |
|--------------|---------|------------|---------|---------|---------|
| (c) ~PAT PMT | PAT PMT | PAT PMT    | PAT PMT | PAT PMT | PAT PMT |
|              |         | <i>r</i> - |         |         |         |

ALIGN TS PACKET INCLUDING

PAT TO HEAD OF PACK

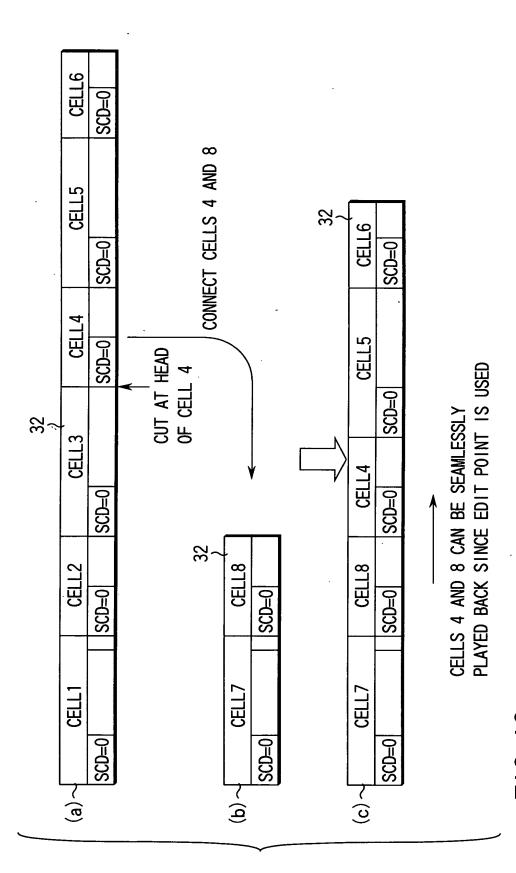
IS ALIGNED TO HEAD OF

TS PACK IN WHICH TS PACKET INCLUDING PAT

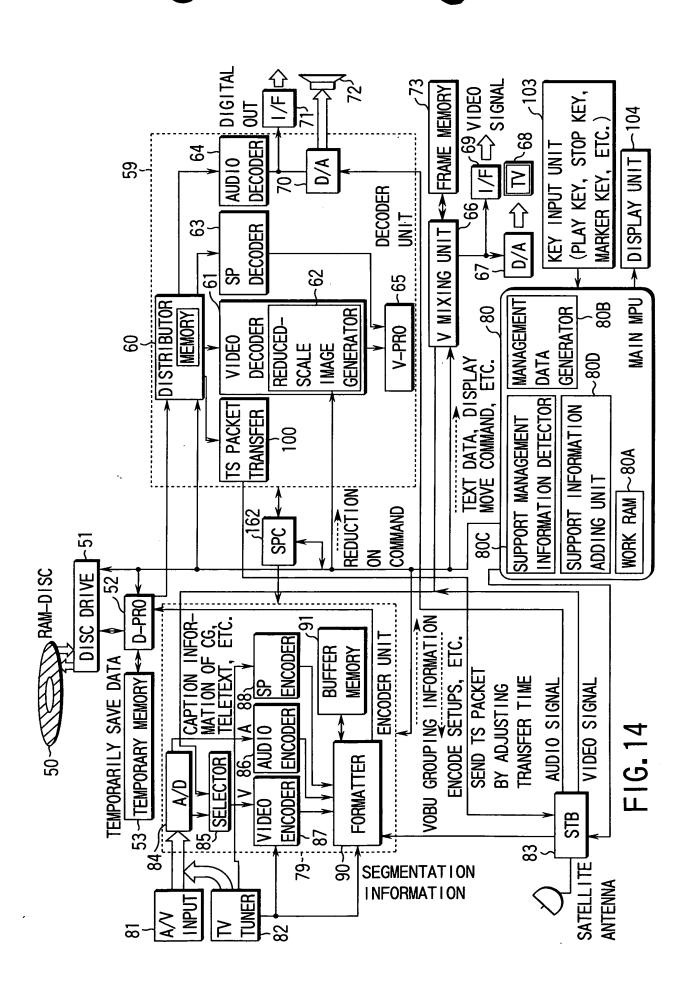
INSERT PADDING PACKET TO

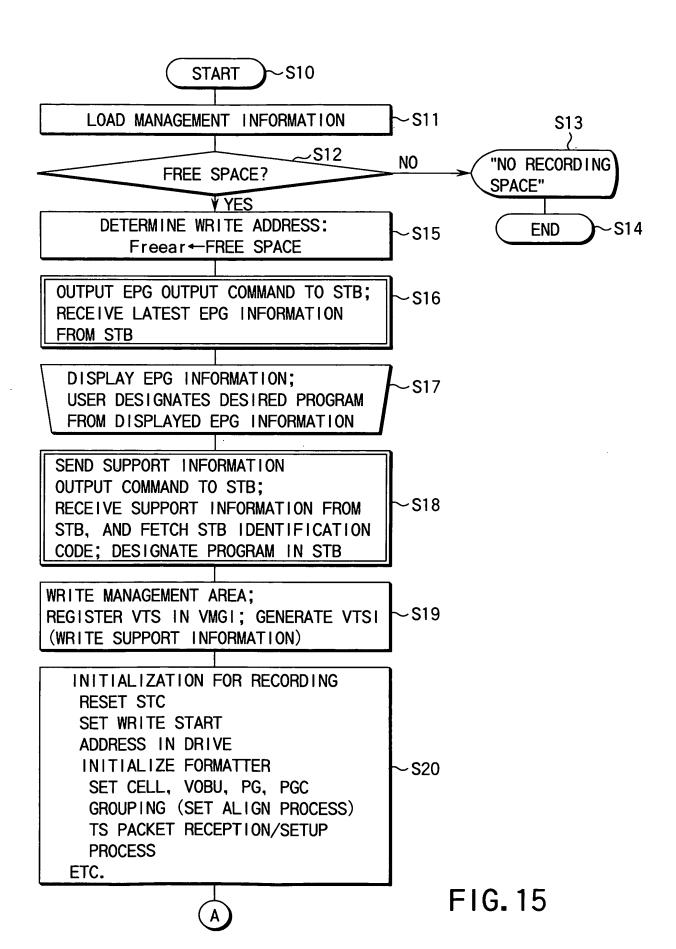
INSERT PADDING PACKET TO PACKET INCLUDING PAT TS PACK IN WHICH TS

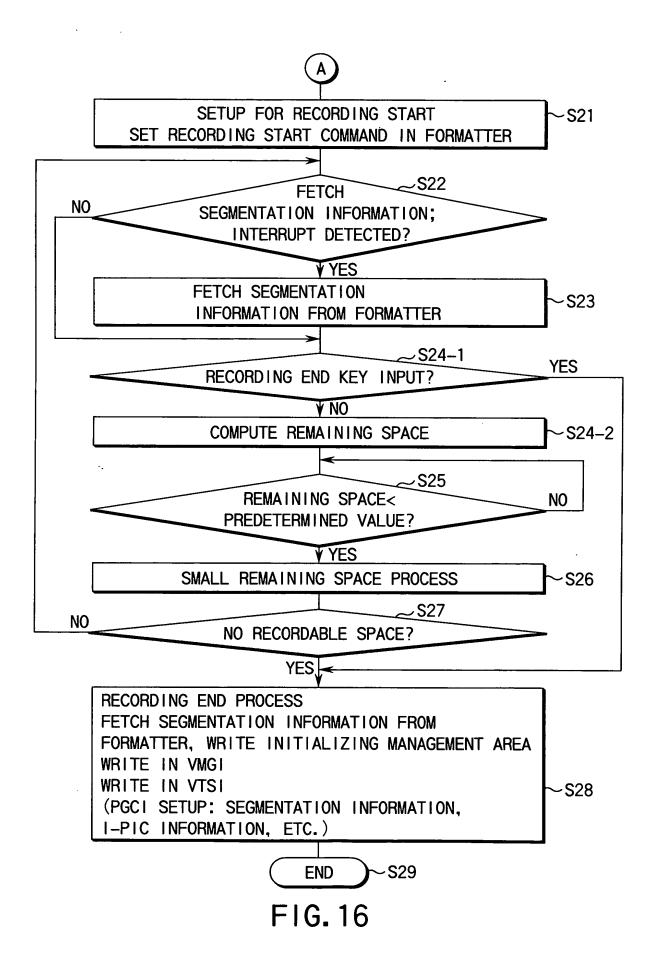
ALIGN TS PACKET INCLUDING PAT TO HEAD OF PACK IS ALIGNED TO HEAD OF

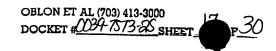


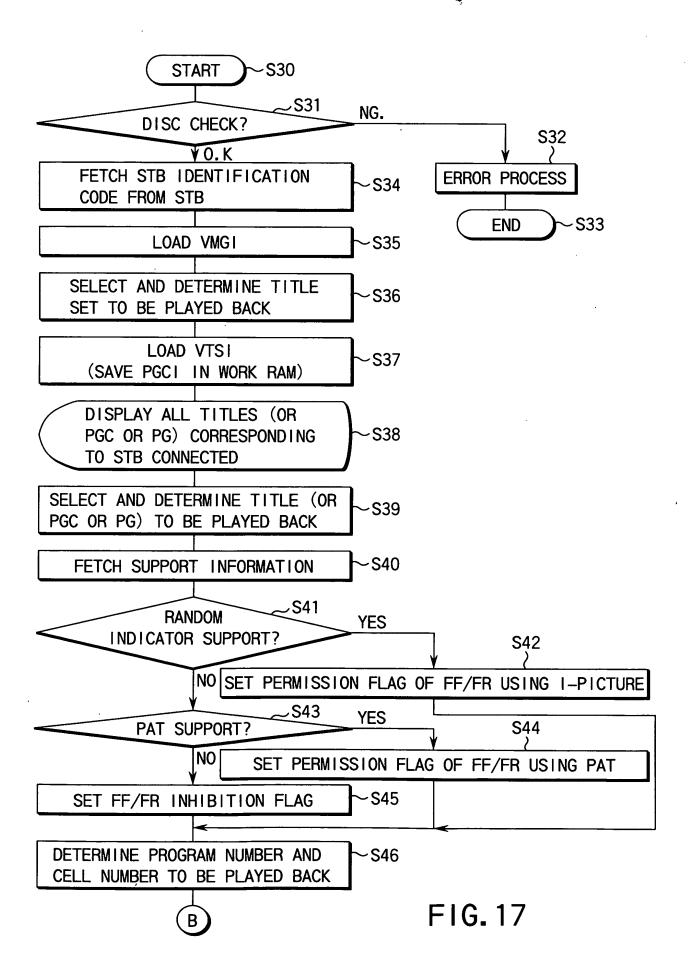
F16. 13











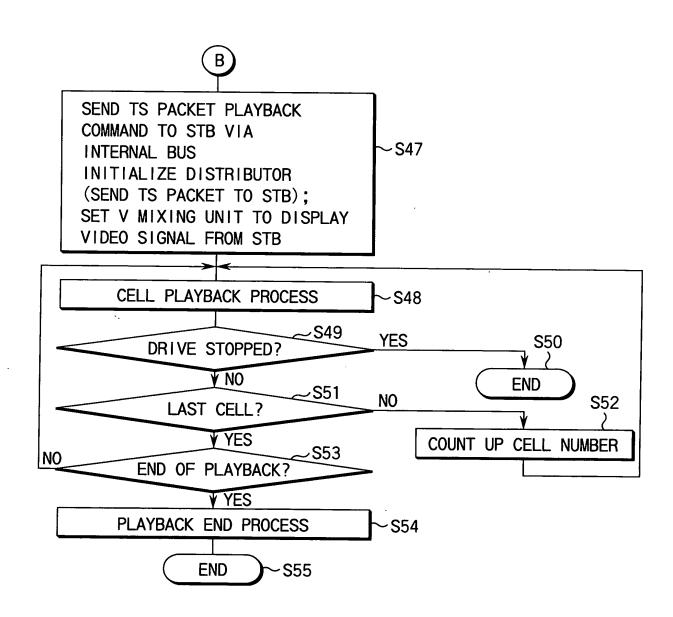
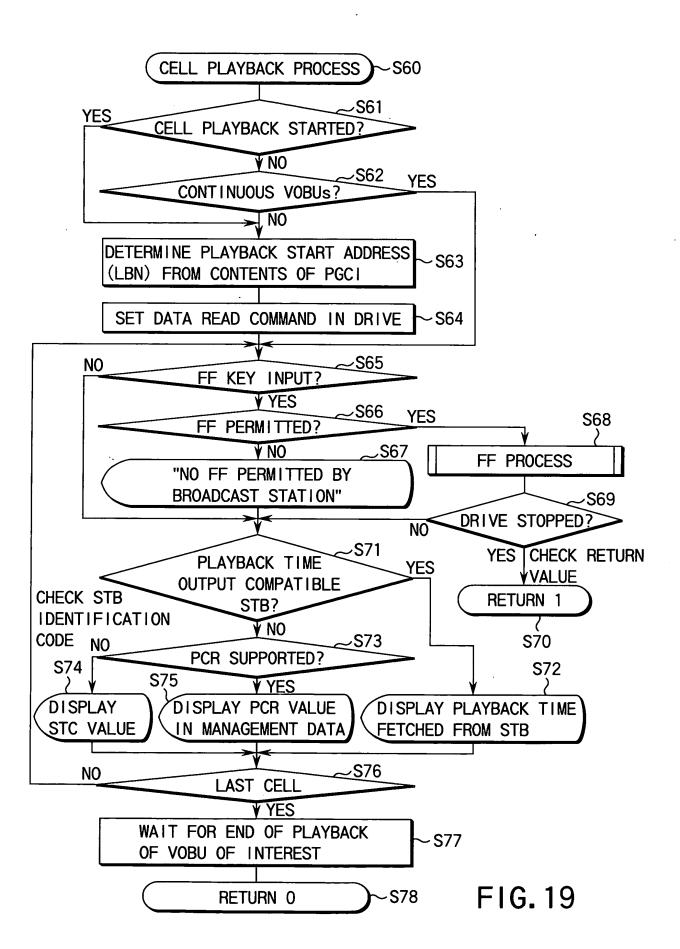
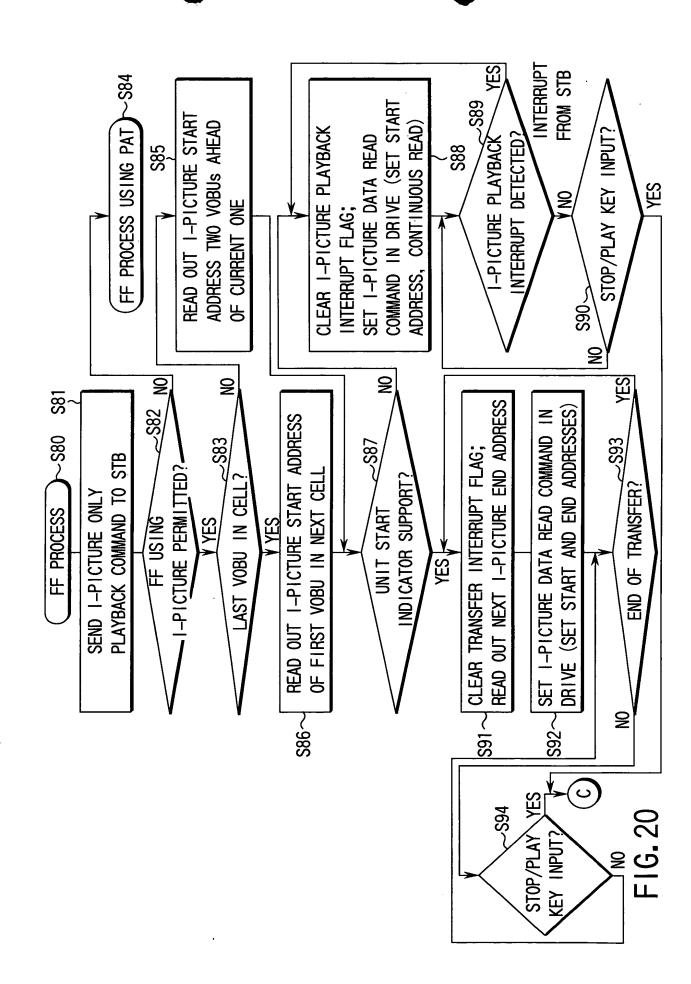


FIG. 18





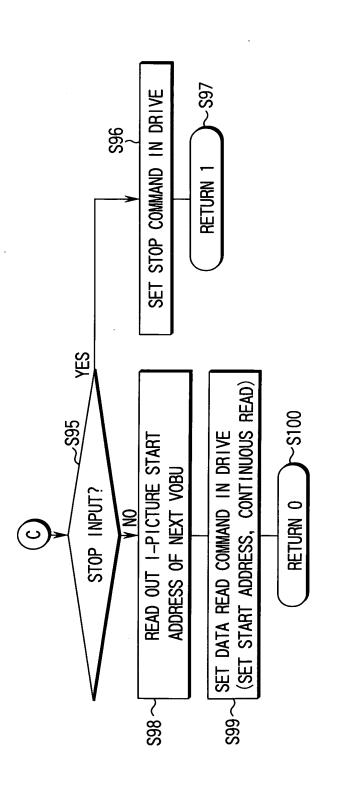


FIG. 21

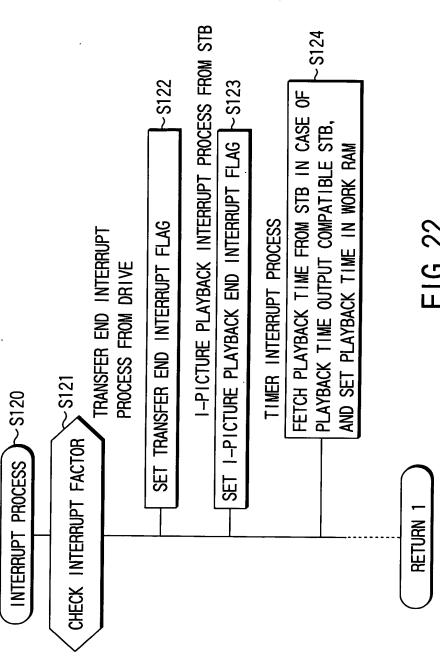


FIG. 22

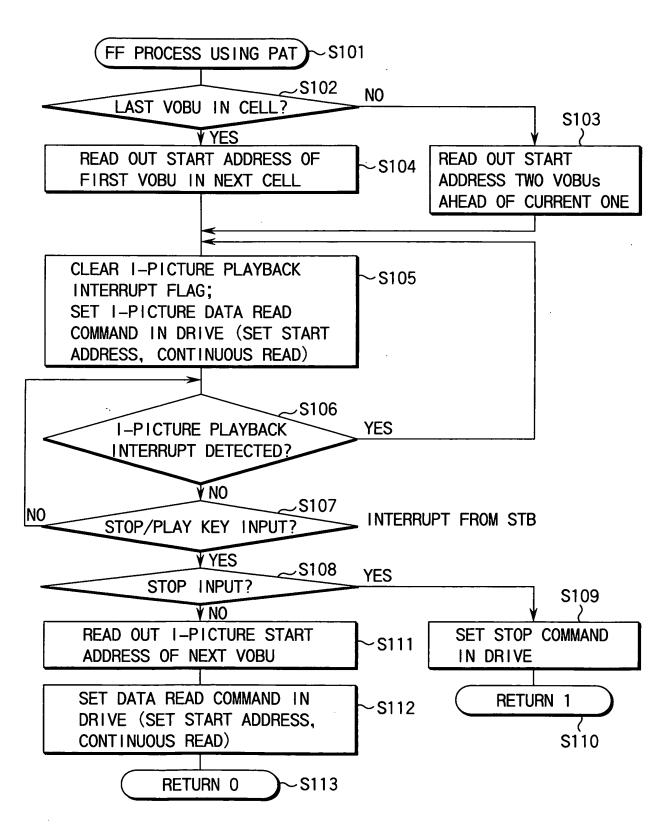
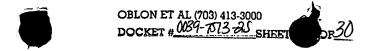


FIG. 23

|                      | TIME-       | TRANS-   | TI       | ME-  | TRA        | NS-       | T      | IME-     | TR  | ANS-       |     | TIME   | <u> </u> | TRAN    | S-         |          |
|----------------------|-------------|----------|----------|--|------------|-----------|--------|----------|-----|------------|-----|--------|----------|---------|------------|----------|
| (a)                  | STAMP       | PORT     | ST       | AMP  | POR        | т 1.      | .   S  | TAMP     | PO  | RT         |     | STA    |          | PORT    | _          |          |
| (a)                  |             | PACKET   | 1        |  |            | KET       |        | TS.      | 1   | CKET       |     | ATS    |          | PACKI   | FΤ         |          |
|                      | a           | а        | l        | b  | b          |           | '      | d        | ı   | d          |     | f      |          | f       | - '        |          |
|                      | <u> </u>    |          |          | <del>-</del>                                 |            |           | <br>   |          |     | <u>u</u>   |     |        |          |         |            | <u> </u> |
|                      | TIME-       | TRANS-   | TIME     | <u>:                                    </u> | TRΔ        | NS-       | T      | RANS-    | ń   | TRA        | NIC | - EN   | n T      | PADD    | LN         | <u>ت</u> |
| <i>(</i> 1. <i>)</i> | STAMP       | PORT     | STAN     | 1 1  | POR        |           |        | ORT      |     | POR        |     | 1      | - 1      | AREA    |            | ٦        |
| (p)                  | ATS         | PACKET   | ATS      |  |            | KET       | 1      | ACKET    |     | PAC        |     | 1 -    |          | 36      |            |          |
|                      |             |          | b        |  | d          |           | '      | d        |     | f          |     | .'  3  | '        | 30      |            |          |
|                      | a           | a        | D        | 1  | u          | الب       | _      | <u>u</u> | لل  |            | ::- |        |          |         |            | ᆜ        |
|                      | PACK        | PES      | STRE     | AMID.  | <u></u>    | DACK      |        | PES      | 1   | ECTO       | ا م | DATA   | T        | <u></u> | AT,        | ╗        |
| , ,                  | HEADER      |          |          | 1  |            |           |        | HEAD     |     |            | חי  | AREA   | 1        |         |            |          |
| (c)                  | HEADEN<br>1 | 1        | HEAD     |  | 21         | пЕАD<br>2 | ⊏n     |          | - 1 |            |     |        | <b>`</b> |         | RE/        | ٩        |
|                      | '           | .0       |          | =n  4  | <b>4</b> 1 |           |        | 7        | ļ   | HEADE      | :   | 22     | '        | '       | 23         |          |
|                      |             |          | 11       |  |            |           |        |          |     | 12         |     |        | <u> </u> |         |            | ᆜ        |
| (م)                  | SECTOR      | CECTOE   | )        | <u></u>                                      | CE         | CTOR      | Ter    | ECTOR    | СГ  | CTOD       |     |        |          | ICEC-   |            | ςi       |
| (d)                  | NO. 0       | NO. 1    | `  `     |  | 1          | -         | 1 -    |          |     | CTOR       | 1   | •••    | •        | SEC     |            | 1        |
|                      | NO. U       | INO. I   | <u> </u> |  | INU        | . 15      | INC    | 0.16     | INC | . 17       |     |        |          | NO.     | <u> </u>   | _        |
|                      | ECC B       | I OCK    | ECC I    | OL OCI                                       | <u>ν</u> Τ |           | DI.    | OCK      | Г(  | C DI       | ^   | ·v     |          | · DL O  | CK         | 7        |
| (e)                  |             |          |          |  | `          | ECC       |        |          |     | CBL        |     | ,      |          | BL0     | UK         |          |
| (8)                  | # 0         | REAM BL  | #.       |  | $\dashv$   | #         | γ      |          |     | <u>#δ</u>  |     | V #2   |          | #ε      |            | 4        |
|                      | 311         | NEAW DL  | UCK +    | <del> </del>                                 |            |           |        | 311      | TEA | M BL       | UC  | K #2   |          |         | -          | Ļ        |
| (f)                  |             |          |          | СТ   |            | A OD      | IEC    | T #A     | 20  | 0          |     |        |          |         |            | 4        |
| )                    |             |          |          | 311  | nEA!       | VI UBC    | ルこし    | T #A     | 29  | 0          |     |        |          |         |            | إ        |
|                      | CTE         | DEAM DI  | OCK +    | <del>-</del> 1                               |            |           |        | CTI      |     | M DI       | ^^  | v #2   |          |         |            | -i       |
| (a)                  | ECC B       | REAM BL  | ECC E    |  | _          | ECC       | DI.    |          |     |            |     | K #2   | -        | DI O    | CV         | 4        |
| (g)                  | # 4         |          |          |  |            | ECC #     |        | UCK      | EC  | に BL<br>る# | UC  | 'N   1 |          | BLO     | CK         | ı        |
| ļ                    | # 0         | 2        | #,       | / <u>)</u>                                   |            | #         | γ      |          |     | #0         |     |        |          | #ε      |            | إ        |
| <i>.</i>             | SECTOR      | SECTOR   | , T      |  | Top        | CTOR      | lor    | CTOD     | T   |            |     | CECT   | -AD      | CECT    |            | 4        |
| (h)                  | NO. 32      | NO. 33   |          |  |            |           | 1      | ECTOR    |     | ••••       |     | SECT   |          | 1       |            | ľ        |
| ٦                    | 10.32       | [NO: 22  |          |  | INO        | . 47      | INC    | ). 48    |     |            |     | NO. 7  | 0        | NO. 7   | 9          | إ        |
| 1                    | PACK        | PES      | <u>-</u> | SECT   | 'nΡ        |           | $\neg$ | DA       | TA  | T          | PAC | ייייי  | ם        | ADDI    | NIC        | -i       |
| (:)                  | HEADER      | 1        |          |  |            | ADER      |        | AR       |     |            |     | ADER   | 1        | ADDI    |            |          |
| (i)                  | 3           | 1   NEAD |          | DATA   |            | AUEN      |        |          |     |            |     |        |          | ACKE    | ı          |          |
| l                    | <u> </u>    | 1 0      |          |  | 12         |           |        | 2        | 4   |            |     |        |          | 40      |            | إ        |
| (j)                  |             | TDANG    | SPORT    | ENID   | <u></u>    | DE P      | A D F  | TINC     |     | DEC        | 11  |        | <u> </u> | ) V D I | NIC        | i,       |
| Ľ,                   |             | PACKE    |          | 1  |            |           |        |          |     | ୮፫୬        |     | EADE   | - 1      | PADDI   |            |          |
| l                    | ••••        | FACK     | <u> </u> | <u> </u>                                     | 32         | AI        | 75/    | 37       |     |            | Ç   | 7      | /        | AREA    | <u>ა</u> ზ | <u>'</u> |

FIG. 24



| (a)~ |  |  | STREAM                 | BLOCK  | HEAL | DER 11         |        |                                    |  |  |
|------|--|--|------------------------|--------|------|----------------|--------|------------------------------------|--|--|
| (b)~ | TRANSPORT PACKET INFOR- MATION 611   |  | STREAM<br>INFORM<br>61 |        |      |                | HEA    | TOR DATA<br>DER<br>ORMATION<br>613 |  |  |
| (c)~ | TRANSPORT RECORD PACKET ATTRI- INFOR- MATION 621  TRANSPORT STREAM BLOCK BLOCK TIME DIFFERENCE 626  TO STREAM BLOCK TIME DIFFERENCE 626  627 |  |                        |        |      |                |        |                                    |  |  |
| (d)~ | NUMBER<br>PACKET   |  | NSPORT                 |        |      | PORT PA<br>632 | CKET M | APPING                             |  |  |
| (e)~ | I-PICTURE MAPPING START POSITION PACKET MAPPING TABLE 641 HAPPING TABLE 643 TABLE 644 TABLE 645  |  |                        |        |      |                |        |                                    |  |  |
|      |  |  | F                      | IG. 2  | 25   | -              |        |                                    |  |  |
| (a)~ |  |  | SECTOR                 | DATA H | IEAD | ER 12          |        |                                    |  |  |

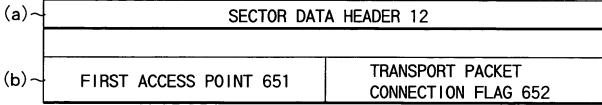


FIG. 26

## CONSTRAINTS ON MPEG SPECIFICATIONS FOR SOB

| SYSTEM HEADER                        | SHALL NOT BE INCLUDED                                       |
|--------------------------------------|---|
| SCR VALUE IN THE FIRST PACK OF A SOB | ANY VALUE   |
| MPEG PROGRAM_END_CODE                | SHALL NOT BE INCLUDED                                       |
| STREAM_ID                            | SHALL BE EQUAL TO BFh (PRIVATE_STREAM_2) IN ALL PES PACKETS |

STREAMER INFORMATION (STRI) STREAMER VIDEO MANAGER INFORMATION (STR VMGI)

STREAM FILE INFORMATION TABLE (SFIT)

ORIGINAL PGC

INFORMATION (ORG\_PGCIT)

USER DEFINED PGC INFORMATION TABLE (UD\_PGCIT)

TEXT DATA MANAGER (TXTDT\_MG)

APPLICATION PRIVATE DATA MANAGER (APDT MG)

VIDEO MANAGER INFORMATION MANAGEMENT TABLE (VMGI\_MAT)

PLAY\_LIST SEARCH POINTER TABLE (PL\_SRPT)

FIG. 28

STREAMER VIDEO
MANAGER INFORMATION
(STR\_VMGI)

STREAM FILE INFORMATION TABLE (SFIT)

ORIGINAL PGC

INFORMATION (ORG\_PGCI)

USER DEFINED PGC INFORMATION TABLE (UD\_PGCIT)

TEXT DATA MANAGER (TXTDT\_MG)

APPLICATION PRIVATE DATA MANAGER (APDT\_MG)

STREAM FILE INFORMATION
TABLE INFORMATION (SFITI)

STREAM OBJECT STREAM
INFORMATION #1 (SOB\_STI #1)

STREAM OBJECT STREAM
INFORMATION #n (SOB\_STI #n)

STREAM FILE INFORMATION (SFI)

FIG. 29

STREAM FILE INFORMATION
TABLE INFORMATION (SFITI)
STREAM OBJECT STREAM
INFORMATION #1 (SOB\_STI #1)

STREAM OBJECT STREAM INFORMATION (SOB\_STI #n)

STREAM FILE INFORMATION (SFI)

STREAM FILE GENERAL INFORMATION (SF\_GI)

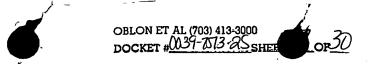
STREAM OBJECT INFORMATION
SEARCH POINTER #1 (SOBI\_SRP #1)

STREAM OBJECT INFORMATION
SEARCH POINTER #n (SOBI\_SRP #n)

STREAM OBJECT INFORMATION #1 (SOBI #1)

STREAM OBJECT
INFORMATION #n (SOBI #n)

FIG. 30



## STREAM FILE GENERAL INFORMATION (SF\_GI)

|              | CONTENTS                   | NUMBER OF BYTES |
|--------------|----------------------------|-----------------|
| (1) SOBI_Ns  | NUMBER OF SOBIS            | 2               |
| (2) SOBU_SIZ | NUMBER OF SECTORS PER SOBU | 2               |
| (3) MTU_SHFT | MAPPING TIME UNIT SHIFT    | 1               |
| (4) RESERVED | RESERVED                   | 1               |
|              | TOTAL                      | 6               |

FIG. 31

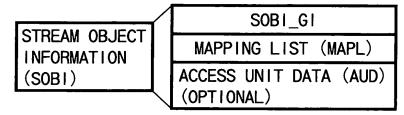


FIG. 32

## STREAM OBJECT INFORMATION GENERAL INFORMATION (SOBI\_GI)

|                 | CONTENTS                       | NUMBER OF BYTES |
|-----------------|--------------------------------|-----------------|
| (1) SOB_TY      | SOB TYPE                       | 1               |
| (2) SOB_REC_TM  | SOB RECORDING TIME             | 5               |
| (3) SOB_ST1_N   | SOB STREAM INFORMATION NUMBER  | 1               |
| (4) AUD_FLAGS   | ACCESS UNIT DATA FLAGS         | 1               |
| (5) SOB_S_APAT  | SOB START APAT                 | 6               |
| (6) SOB_E_APAT  | SOB END APAT                   | 6               |
| (7) SOB_S_SOBU  | FIRST SOBU OF THIS SOB         | 4               |
| (8) MAPL_ENT_Ns | NUMBER OF MAPPING LIST ENTRIES | 4               |
|                 | TOTAL                          | 28              |



ACCESS UNIT DATA (AUD) (OPTIONAL)

FIG. 34

ACCESS UNIT GENERAL
INFORMATION (AU\_GI)

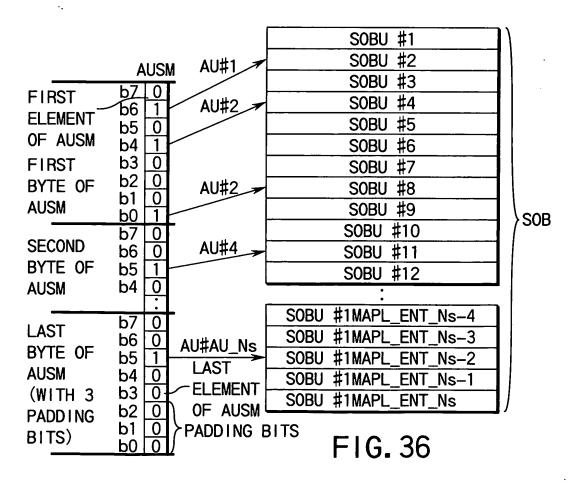
ACCESS UNIT END MAP
(AUEM) (OPTIONAL)

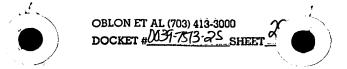
PRESENTATION TIME STAMP
LIST (PTSL) (OPTIONAL)

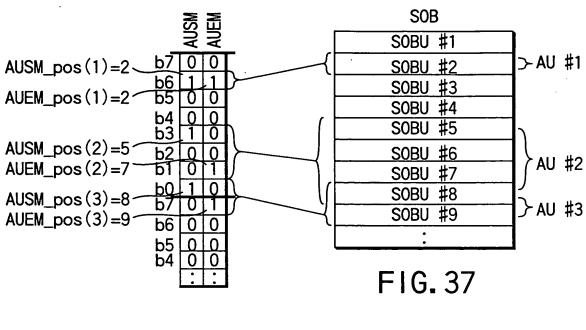
ACCESS UNIT GENERAL INFORMATION (AU\_GI)

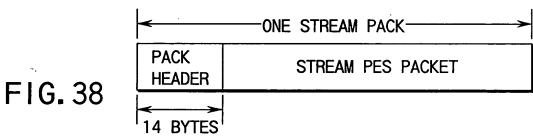
|           | CONTENTS                                    | NUMBER OF BYTES           |  |
|-----------|---|---------------------------|--|
| (1) AU_Ns | NUMBER OF ACCESS UNITS                      | 4 .                       |  |
| (2) AUSM  | ACCESS UNIT START MAP (MAP_ENT_Ns ELEMENTS) | (MAPL_ENT_Ns+7) div 8     |  |
| TOTAL     |   | (MAPL_ENT_Ns+7) div 8 + 4 |  |

FIG. 35

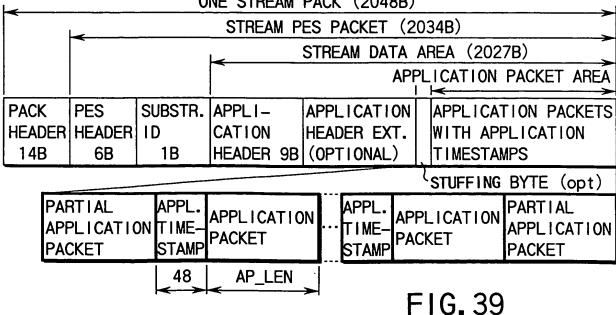


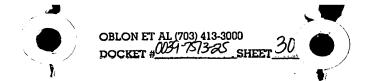






STRUCTURE OF THE STREAM DATA AREA WITHIN A STREAM PES PACKET
ONE STREAM PACK (2048B)





## APPLICATION HEADER

| FIELD                     | I       | NUMBER   | VALUE         | COMMENT |
|---------------------------|---------|----------|---------------|---------|
|                           | OF BITS | OF BYTES |               |         |
| (1) VERSION               | 8       | 1        | 01h           |         |
| (2) AP_Ns                 | 8       | 1        |               |         |
| (3) FIRST_AP_OFFSET       | 16      | 2        |               |         |
| (4) EXTENSION_HEADER_INFO | 2       |          | 00b, 10b, 11b |         |
| (5) RESERVED FOR CCI_ESC  | 1       | 1        | 0b 0R 1b      |         |
| (6) RESERVED              | 5       |          | 11111b        |         |
| (7) SERVICE_ID            | 16      | 2        |               |         |
| (8) MAX_BR_LOG2           | 8       | 1        |               |         |
| (9) SMO_BS_LOG2           | 8       | 1        |               |         |
|                           | TOTAL   | 9        |               |         |

FIG. 40